



October 10, 2012
Project No. 8128.01.08

Mr. Dana Bayuk
Oregon Department of Environmental Quality
2020 SW 4th Avenue
Portland, Oregon 97201-4987

Re: Monthly Progress Report—September 2012
Siltronic Corporation
7200 NW Front Avenue, Portland, OR
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is September 1, 2012, through September 30, 2012. The next report is due November 10, 2012.

The report organization follows that of the previous progress reports.

ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT

Communications and Submittals

On September 5, 2012, MFA submitted a memorandum recommending modifications to the groundwater monitoring programs at Siltronic.

On September 11, 2012, MFA received DEQ's comments regarding procedures for 1) abandoning the "old standpipe" located outside the Fab 1 Building; and 2) drilling and sampling a push-probe boring in the immediate vicinity of the standpipe.

On September 27, 2012, MFA received comments from the US Environmental Protection Agency (EPA) and other stakeholders, including DEQ, regarding the draft Gasco Sediments Site Engineering Evaluation/Cost Analysis.

On September 27, 2012, MFA notified DEQ that chemicals characteristic of the RPAC plume (specifically, trichlorobenzene and dichlorobenzene isomers) were detected in well WS25-111, which is located near the proposed NW Natural (NWN) groundwater extraction wells.

Fieldwork

Groundwater monitoring continued through September in the performance monitoring wells.

Monthly water levels were collected on September 17, 2012. The monthly water levels are included in the attached MS Excel file.¹

During September, Siltronic provided access to representatives of NWN for field work as requested.

Measurements and samples of dense, non-aqueous phase liquid (DNAPL) from former manufactured gas plant (MGP) operations were collected during September. The data from these events are being evaluated. These data will be provided to DEQ during October, when the evaluation is completed.

Actions to Be Taken in the Next Two Months

Groundwater elevations and DNAPL screening will be collected in October and November, 2012. Performance monitoring consistent with the revised performance monitoring program will continue in October and November. Please note that on October 8, 2012, DEQ verbally provided partial approval of the recommended revisions to the frequency (but not the analytical scope) of monitoring for the October 2012 sampling event.

TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT

Some of the data collected through the September 2012 reporting period has been received but validation is not yet complete. Consistent with DEQ comments, the content and format of data submittal memoranda evaluating these data will be developed following DEQ review of the updated and revised PMP. The attached (electronic only) MS Excel data file contains all PMW and quarterly monitoring data, and soil vapor data received through the end of the reporting period (September 30, 2012). The data continue to indicate successful dechlorination of TCE and its degradation products.

PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT

No additional problems were experienced.

As of September 27, 2012, Tom McCue has resigned from his position as Restoration Manager of Siltronic. Myron Burr is the Environmental Manager and the Siltronic point of

¹ Includes monthly water levels from January 2011 through September 2012; water levels from preceding years have previously been submitted.

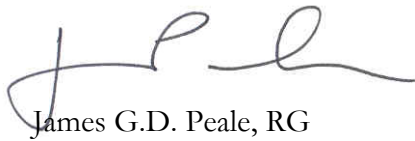
Mr. Dana Bayuk
October 10, 2012
Page 3

Project No. 8128.01.08

contact for DEQ. Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



James G.D. Peale, RG
Senior Hydrogeologist



Ted Wall, PE
Principal Engineer

Attachments: MS Excel file (electronic only)

cc: Myron Burr, Siltronic Corporation
Alan Gladstone, Davis Rothwell Earle and Xochihua
Chris Reive, Jordan Schrader Ramis
Jim Anderson, DEQ
Kristine Koch, EPA
Sean Sheldrake, EPA Seattle
Rene Fuentes, EPA Seattle
Chip Humphrey, EPA Portland
Lance Peterson, CDM
Bob Wyatt, NW Natural
Patty Dost, Pearl Legal Group LLC
John Edwards, Anchor QEA LLC
Carl Stivers, Anchor QEA LLC
Rob Ede, Hahn and Associates, Inc.
Tom Gainer, DEQ
Henning Larsen, DEQ
Matt McClincy, DEQ